

E 160 165 170 175 180 175 170 165 160 155 150 145 140 135 130 125 120 115 W

N 35

# **TROPICAL STORM LI**

BEST TRACK TC-08E

30 JUL-18 AUG 94

MAX SFC WIND 55KT

MINIMUM SLP 984MB

30

25

20

15

10
















5

EQ

5

S 10

## **LEGEND**

-  6-HR BEST TRACK POSITION
-  a SPEED OF MOVEMENT (KT)
-  b INTENSITY (KT)
-  c POSITION AT XX/0000Z
-  TROPICAL DISTURBANCE
-  TROPICAL DEPRESSION
-  TROPICAL STORM
-  TYPHOON
-  SUPER TYPHOON START
-  SUPER TYPHOON END
-  EXTRATROPICAL
-  SUBTROPICAL
-  \*\*\* DISSIPATING STAGE
-  F FIRST WARNING ISSUED
-  L LAST WARNING ISSUED

L-18/00Z

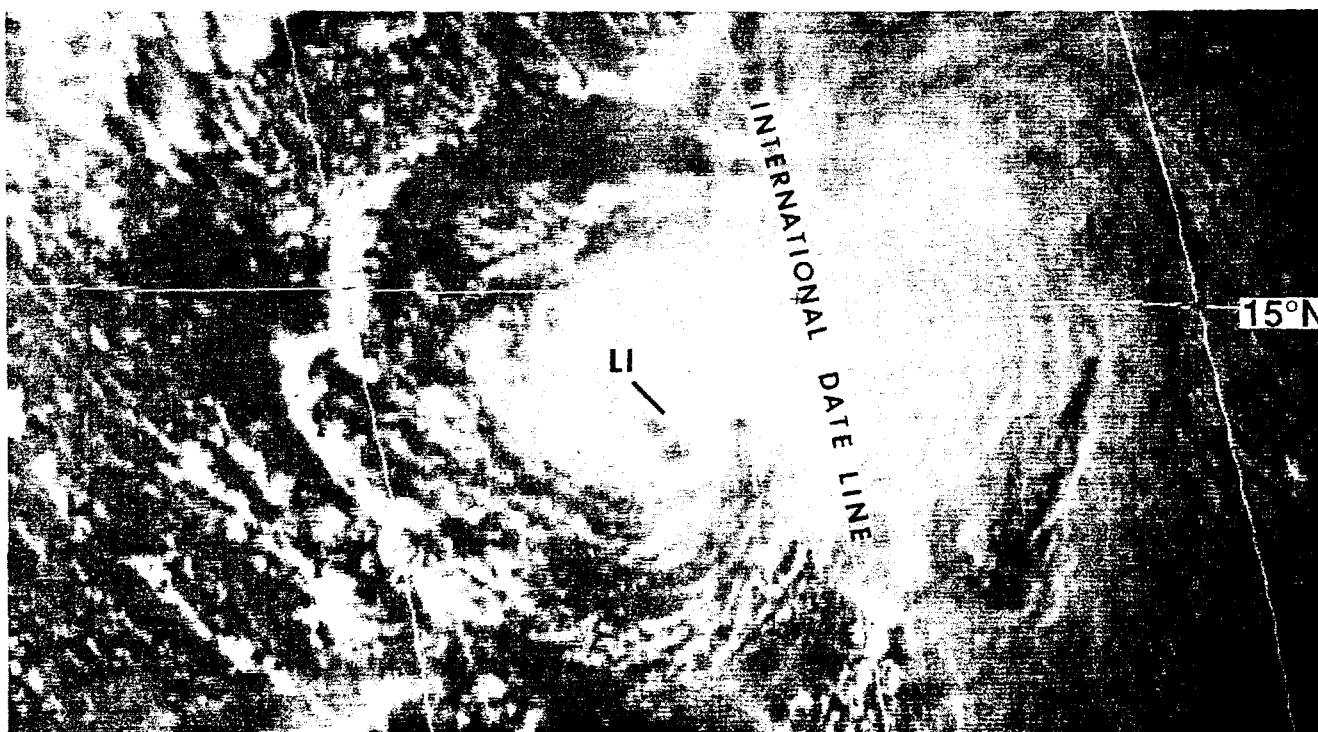
F-13/00Z

E 170

N 20

| DTG<br>(Z) | SPEED<br>(KT) | INTENSITY<br>(KT) |
|------------|---------------|-------------------|
| 15/00      | 9             | 35                |
| 15/06      | 9             | 35                |
| 15/12      | 8             | 35                |
| 15/18      | 6             | 30                |
| 16/00      | 3             | 30                |
| 16/06      | 3             | 30                |
| 16/12      | 3             | 25                |
| 16/18      | 2             | 25                |
| 17/00      | 1             | 25                |
| 17/06      | 2             | 25                |
| 17/12      | 3             | 25                |
| 17/18      | 5             | 25                |
| 18/00      | 5             | 20                |

## TYPHOON LI (08E)



**Figure 3-08E-1** Tropical Storm Li just after crossing the international date line with 50 kt (26 m/sec) (130531Z August visible GMS imagery). Li is about 250 nm (465 km) east of Wake Island.

Li, like John (08E), was unusual in that it traversed the areas of responsibility of all three US tropical cyclone warning centers — the National Hurricane Center (NHC), the Central Pacific Hurricane Center (CPHC), and the Joint Typhoon Warning Center (JTWC). During its 18-day life, it traveled over 3600 nm (6670 km), and 59 warnings were issued on the system.

Li was first observed as a disturbance in the monsoon trough of the eastern North Pacific, near 11°N; 120°W on 30 July. As it moved westward, it slowly intensified, and on 03 August, the disturbance crossed 140°W. At 030600Z, CPHC issued the first warning on Tropical Depression 08E. For the next two days, the depression tracked west-southwestward at 12-18 kt (22-33 km/hr) with 25 kt (13 m/sec) winds. On 05 August, the system turned toward the northwest; lost nearly all of its deep convection, and warnings were discontinued. A day later, warnings were reissued after convection again flared. On 06 and 07 August, the tropical depression passed about 600 nm (1111 km) south of the Hawaiian Island chain. Late on 07 August, TD 08E took a westward track, and at 081200Z, it was upgraded to Tropical Storm Li. A day later, it passed 180 nm (333 km) south of Johnston Island with 45 kt (23 m/sec) sustained winds. For the next 48 hours, Li slowly intensified, and at 121200Z, it was upgraded by the CPHC to Hurricane Li. Peak intensity was 65 kt (33 m/s). The CPHC issued its final warning on Hurricane Li at 121800Z as it crossed the international date line into the JTWC's area of responsibility. At 130000Z, JTWC issued its first warning on the system, downgrading Li to a 55-kt (28-m/sec) tropical storm, as strong upper level westerly winds south of a TUTT cell sheared the convection on Li's west side (Figure 3-08E-1). Li steadily weakened, and at 160600Z it was downgraded to a tropical depression. The depression continued to drift to the northwest, and the 59th and final warning was issued at 180000Z as TD 08E dissipated over water.